School Grounds Timeline

Standards Addressed

Environmental Education Standards:

- A. Questioning and Analysis: A.4.1, A.4.2, A.4.3, and A.4.4.
- B. Knowledge of Environmental Processes and Systems: B.4.5.
- C. Environmental Issue Investigation Skills: C.4.2.

Key Concepts/ Content

** To understand the larger picture of the changes that occur in an ecosystem over time.

Teacher Background

Before beginning this program, you will need to research the past ecological history of the school grounds or area to be shown in the timeline. Students may be able to help with this by interviewing individuals familiar with the general school area. Information should also be gathered on people in Wisconsin history who have had an impact on the treatment of the land.

As your class works on this project, a glimpse back in time can be found at your local library or historical society. Many southern Wisconsin forests were cleared for agriculture by the late 1800's. Forests in the north were heavily cut for timber to build cities, towns, and railroads by the early 1900's. During the Depression, thousands of acres of pines were planted by the Civilian Conservation Corps to replenish cut over lands. Today, Wisconsin has more forested land than anytime since 1936 when the first forest inventories were completed by scientists.

The Conservation Movement in this country is only 150 years old. It began with Thoreau and Marsh. The first school of forestry was the Biltmore School in North Carolina in 1898. The profession of forestry celebrates its 100th birthday in 1999. A great Wisconsin conservationist, Aldo Leopold, *wrote A Sand County Almanac*, just 50 years ago.

Today, we know a lot about forests and ecosystems and there is so much more to learn.

Please take a look at the Library of Congress for maps, photographs, and drawings about Wisconsin. The website is: http://lcweb2.loc.gov/ammem/collections/finder.html
Then select: List All Collections.

Of particular interest are:

- The Evolution of the Conservation Movement, 1850-1920
- Touring Turn of the Century America: Photographs from the Detroit Publishing Company, 1880-1920
- American Environmental Photographs, 1891-1936: Images from the University of Chicago Library
- Panoramic Maps (search for Wisconsin your town may be listed)
- Also look at maps of presettlement vegetation and current land cover in Wisconsin at the DNR website: http://www.dnr.state.wi.us/org/at/et/go/map_gal/landcov/ index.htm

Getting Ready

In small groups, have the students draw pictures of how they think their school grounds looked during recorded history.

Materials Needed

- Shoe boxes, paper, and other construction tools (depending upon presentation format selected)
- Guide to the Forestry Hall of Fame (see following pages)
- Chronology of Firsts pamphlet of Wisconsin forestry history (included with this packet)
- Photocopy of photos of the school grounds from the past or present

Procedures

1. Students should brainstorm about how they think their school grounds/forest looked in the recent as well as distant past (see Getting Ready).

- 2. As a class, develop a timeline showing the changes that most likely have occurred in the school grounds/forest over time.
- 3. Divide the class into groups and assign each group a time period for which to create a representation of the school grounds/forest.
- 4. The representations could be created as dioramas in shoeboxes, drawings on large sheets of paper, or individual slides in a computer slide show, or any other format you select.
- 5. When all of the representations are done, set them up so they can be viewed in order from earliest to current time. You might want to display your timeline in a hallway or display area in your school.
- 6. Ask each group to write a paragraph explaining what is found in its representation.
- 7. One group might even create a representation showing what the school grounds will look like in the future.
- 8. Other information could be included about Wisconsin history. Some examples are:
 - Important dates in Wisconsin and American history
 - · Important dates in local history
 - Important dates in the school's or school district's history
 - Important dates of influential forestry or other resource individuals from Wisconsin

Evidence of Student Understanding

Develop a grading rubric that includes both the content learned as a result of this activity and the presentations given by the students. Use the rubric in a project post-conference to determine the final evaluation of the project. Some of the requirements for this project might be accuracy of the scenes depicted, neatness of work, and content of descriptions. Include an assessment of how students understand changes over time. This can be done through oral

class discussions, formal interviews, or by students discussing the concept with each other.

References/ Resources

- ☐ Guide to the Forestry Hall of Fame (see following pages).
- ☐ *Chronology of Firsts*, Wisconsin Forest History Association (included in this packet.

UNY - STEVENS POINT

£

William J.L. Bregger - sleve syst. the state loves markery program than in slavest VMC mall of the specifings in suggest of the state information program.

Walkelia McDeal - direcce the slatt 4-b forestry and conservation activities for 40 years. Bod known as in Ranger Mach

Í

John W. Mucue. Trepsycherin formspraciets actree it supprovidior education and served on the Memorine Indian Souty controlled

Ē

Plank N, Bunner - Indonest Scener for the Meanith Piper Milly active to the Finest Invited of Wiscossia; served on Scenes, online is and committees

Ī

Ceorge V. Blanchard - State hygistyce by resenting Rock Louncy from 1904-3, whoshould vin letter baseage of the major Prostry by Johnson of the Procentary.

1993

Executive W. Benner in contributed purification municipal to the Versica of the Versica of Versica

Main Lawpold in Americal Viscoentical Smaller of East, or Line and wording standard concretely. The issues to have notherned breaty and wildliffer that you go will offer Wayner and wildliff.

Programme may be program by the probability from the control of the programme of the progra

The second secon

MEMBERS OF WISCONSIN FORESTRY HALL OF FAME COMMITTEE

We genner Forest White Distribution

We actual The Parth Curridion

Wordenic Michigan Timber Predictive

Wordenic Michigan Timber Predictive

Wordenic Michigan Timber Predictive

DAR Burger of Powers

Rocenter School Predictive

Toward School Predictive

School Predictive

Toward School Michigan

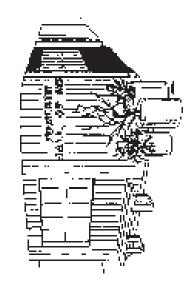
School Predictive

School Michigan

School Michi

Link profit in the section of the profit of the American Profit.

Wisconsin Forestry Hall of Fame



in eine special recognition to müridandi. Britig in desented, who have made significant contributions to the field of forestry id. Wisconsin.

the Wisserman Foresty Hall of Farm was founded by a point; if postic and provate foresty organizations in necessary in interesty and principled significantly to the precise and pingers or revesty in Wissers a.

The Wiscinstri Society of American Foresters to the Organization.

Persona may be recentlated for induction into the 31st or Future by nearber organizations, representatives of member organizations, and devideds through a member organization. Numities may be professionals or neargottessionals or near-groffssionals or near-groffssionals or near-groffssionals or near-groffssionals or near-groffssionals or near-groffssionals and the person's accomplishments are contributed by the person's accomplishments are contributed by the person's accomplishments are contributed for sure progress in the state.

Moraine upplicators are reviewed by the HHF councilies each Man. Successful no ninees are usually instance at a somewhat incoloughed in member organization from after

The Hall of Fine sybibit Lephering plannes of all imbartees is incused in the College of Natural Resources, building on the university of Wisconsin-Substant Perindampas and is open to the public terminating free of thangs during school Fours.

HALL OF FAME INDUCTERS

1984 1980

垩

R. B. Condomo - Embodoje o Suest tor orkom condizonog and influencal totalera; E.M. Griffith, concease breast, source northern back for finest reserves and recession.

B.M. Wibern - distriblingslates for emaily function Conversation Actual Fred CW Extrastive Forester

Š.

Cabin E. Mich. Father is communicate times inventing in West leaded to inspire forces bindewevers. M.N. Caskon - co-counter of TR (EX FOR FOR TOMO) R-BOW and an advocate for conservation education. Free B. Thenki - Transition forester, physician advocated skills and a consulter in editorsome programming.

劉

Condit K. Comitor - without such that and lappur associations and it primeer in the management of birdwess s

George Banchall - traditioned the first consulting targets from a system observed and private prospers. Mattern W. Matthe - a pointer of the paper industriand in sound forces management on United dated Papers back.

藍

B.C. Everest - recognizes for the countrimons to forcet; from P225 - 50. Change 1979 state frequencies accessors.

Limitate B. Hurris ring industrial locates undocure or force coveral and 15 year provided of Lines for To see on.

Nergius A. Mithe spanner of heres on a received and leader in force numbers and planning in unagenium.

¥

F. Gerrye Kilp control functor yourse up residente of preparation at a constitution of the parameters.

Neil H. LeMay - Chief Forms Birger worgens of Arthonous Schollering Collection - Spapers of and Chiminaters.

Region 2019 - the tal force instant to instant convertering and with polices and polices and confidence

į

John A. Benke, profession at focusionand administracy, who it has been administrative to the pro-

Karl W. Tinker, from rejoinal construct 1, 3, France service who lead in repeated visioning and use.

ş

Mis Folke Redoctive Islamor to the 190% for extribit (Choling for Corestip and anorment of the forest croping).

Surroge Consignate develop by the treatment paying the form of the funderpair and the cause of forestry and are weather.

茎

Frances Brickares is proved found total execute the last all that the last the found to the second and use the last of the last the Gradinian is a constant. For execution community has press for this entitle in the classes, management for the field focuses.

Ê

Correllus La Harrington - kerekiped en billeres policy dealing with researing. His legacy us in the core's foreits and parks.

Milliam A. Salveser - Laubte observing exerting - inhalops for automatic records and a professional impose for Milliams

Ξ.

B. James Bavind - Succeeding Control and the Manuel control of our control of the Paris. Research. Plan of Washing Land.

ğ

John II. Marmoni - morage, the Vision to contraprince on \$6 states is apoling procedure of the school forcet to principle.

Stander W. Webble a public terror as all ages. So see out description of a second seed person for all and approximations.